## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	88	c12m001/30.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/10 13:33
L2	0	(435/309).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/10 13:37
L21	555037	microorganism OR bacteria OR microbe OR specimen	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/10 17:46
L22	3295186	detector OR detection OR test	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/10 17:46
L23	6400	L21 ADJ L22	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/10 17:46
L24	24556	break ADJ off	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/09/10 17:46
L25	1037156	tip	US-PGPUB; USPAT; USOOR; EPO; JPO	ADJ	ON	2009/09/10 17:46
L26	3	L23 SAME L24 SAME L25	US-PGPUB; USPAT; USOOR; EPO; JPO	ADJ	ON	2009/09/10 17:46
S1	41	((TOSHIHIKO) near2 (MIYAMOTO)).INV.	EPO; JPO; DERWENT	ADJ	ON	2008/07/07 09:32
S2	189	((YOSHIHIKO) near2 (ABE)).INV.	EPO; JPO; DERWENT	ADJ	ON	2008/07/07 09:32
S3	2	((TOMOYUKI) near2 (IWAHORI)).INV.	EPO; JPO; DERWENT	ADJ	ON	2008/07/07 09:32
S4	16	((AYAKO) near2 (NAKAJIMA)).INV.	EPO; JPO; DERWENT	ADJ	ON	2008/07/07 09:32
S5	12	((TETSUO) near2 (KITAGAKI)).INV.	EPO; JPO; DERWENT	ADJ	ON	2008/07/07 09:32
S6	134	"435/287.6".OOLS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/07 09:33

S7	3	("4840460"   "5126865"   "6197574").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/08 12:05
S8	5	("3910410"   "4717661"   "4743537").PN. OR ("6197574").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/08 16:27
S9	5	("3910410"   "4717661"   "4743537").PN. OR ("6197574").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/08 16:28
S10	0	(10/587934).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 16:34
S11	1	("20070249040").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 16:35
S12	2009	(435/34).OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 16:44
S13	137	(435/287.4).OOLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 16:45
S14	339162	microorganism OR bacteria OR microbe	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 16:59
S15	3144013	detect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 16:59
S16	17852	S15 WITH S14	US-PGPUB; USPAT; USOOR; EPO; JPO	ADJ	ON	2008/07/08 17:00
S17	9961	S15 NEAR3 S14	US-PGPUB; USPAT; USOOR; EPO; JPO	ADJ	ON	2008/07/08 17:01
S18	1842200	detector OR detection	US-PGPUB; USPAT; USOOR; EPO; JPO	ADJ	ON	2008/07/08 17:02
S19	5210	S18 NEAR3 S14	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 17:02
\$20	535792	protrusion OR stick	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 17:04
S21	488	S19 AND S20	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 17:04
S22	1	("4153846").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 17:20

S23	1	("6099510").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 17:23
S24	1	("3792699").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 17:24
S25	1	("4566613").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/08 17:26
S26	29	("0621161"   "0898575"   "9952861"   "3124280"   "4248227"   "4266681"   "4284213"   "4408699"). PN. OR ("4566613"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/08 17:26
S27	509139	microorganism OR bacteria OR microbe OR specimen	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 17:31
S28	3039031	detector OR detection OR test	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 17:32
S29	53457	\$27 NEAF2 \$28	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 17:32
S30	5808	\$27 ADJ \$28	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 17:33
S31	22589	break ADJ off	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 17:33
S32	977292	tip	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 17:33
S33	3	\$30 SAME \$31 SAME \$32	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/08 17:33

534	85	("2490168"   "251040"   "3004681"   "3163160"   "3324855   "3450128"   "3495917"   "3640268"   "3674007"   "3773035"   "3776220"   "3792699"   "3893396"   "3913564"   "3919584"   "3913564"   "3915806"   "3913648"   "39158571"   "4014746"   "4014748"   "4059404"   "4175008"   "4184483"   "4196167"   "4223093"   "4309010"   "4311792"   "4309010"   "4311792"   "4359368"   "4355113"   "436726"   "440986"   "456243"   "456664"   "4707450"   "44707450"   "4770853"   "4813432")   PN. OR ("52662666")   UFPN. OR ("52662666")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/08 17:35
\$35	96	("240168"   "251040"   "3004681"   "3163160"   "3304685"   "3450129"   "3495917"   "3640268"   "3674007"   "3773035"   "3776220"   "3792699"   "3883369"   "38902244   "3890954"   "3913664"   "3898054"   "3913664"   "3895866"   "3918435"   "3915806"   "3918463"   "4014748"   "4059404"   "4175008"   "418483"   "4196167"   "4223093"   "4300910"   "4311792"   "4312950"   "4340670"   "4353868"   "4355113"   "4367725"   "4409888"   "4562043"   "4566046"   "45653510"   "4707450"   "4770853"   "4813432"   PN. OR ("\$2666266")	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/17 16:35
S36	1	("4731061").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/17 17:49

S37	26	("2901112"   "3217710"   "33217710"   "33217710"   "3392412"   "4022191"   "4144718"   "40240481"   "4240283"   "4249223"   "4305443"   "4334536"   "434052"   "4346703"   "4416280"   "4457749"), P.N. OR ("4731061"), UFIPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/17 17:58
S38	1	("4311792").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/17 18:04
S39	33	("1138244"   "2984852"   "3450129"   "3712296"   "4184483").PN. OR ("4311792").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/17 18:04
S40	22633	break ADJ off	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/17 18:09
S41	978969	tip	US-PGPUB; USPAT; USOOR; EPO; JPO	ADJ	ON	2008/07/17 18:09
S42	1473	S40 SAME S41	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/17 18:09
S43	2599623	cross adj section\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/17 18:09
S44	320594	unequal OR uneven	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/17 18:10
S45	13	S42 <b>AN</b> D (S43 <b>SAME</b> S44)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/17 18:10
S46	2662938	tip OR nib OR rod OR stick OR protrusion	US-PGPUB; USPAT; USOOR; EPO; JPO	ADJ	ON	2008/07/17 18:16
S47	10715	S40 AND S46	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/17 18:16
S48	6648	S43 AND S47	US-PGPUB; USPAT; USOOR; EPO; JPO	ADJ	ON	2008/07/17 18:18

S49	3200	S40 SAME S46	US-PGPUB; USPAT; USOOR; EPO; JPO	ADJ	ON	2008/07/17 18:18
S50	1823	S43 AND S49	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/17 18:19
S51	195	S50 AND S44	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/17 18:19
S52	1	("5221029").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/17 18:42
S53	1	("4731061").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/25 16:18
S54	1	("4731061").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/16 09:04

## EAST Search History (Interference)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	412	(435/309.1).OOLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/09/10 13:54
L4	85	(435/309.2).OOLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/09/10 13:54
L5	29	c12m001/30.ipc.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/09/10 13:54
L6	136	"435/287.6".COLS.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/09/10 13:54
L7	144	(435/287.4).OOLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/09/10 13:54
L8	2065	(435/34).OCLS.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/09/10 13:55
L9	2	((TOSHIHIKO) near2 (MIYAMOTO)).INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/09/10 17:43
L10	54	((YOSHIHIKO) near2 (ABE)).INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/09/10 17:43
L11	1	((TOMOYUKI) near2 (IWAHORI)).INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/09/10 17:44

L12	1	((AYAKO) near2 (NAKAJIMA)).INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/09/10 17:44
L13	2	((TETSUO) near2 (KITAGAKI)).INV.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/09/10 17:44
L20	6261	"S30" SAME "S31" SAME "S32"	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/09/10 17:46

## 9/10/2009 5:47:19 PM

C:\ Documents and Settings\ dhenkel\ My Documents\ EAST\ Workspaces\ 10587934.wsp